



Alberta Oil Sands Plant Statistics

Monthly Supplement

January 1985



Alberta Oil Sands Plant Statistics

Monthly Supplement

Energy Resources Conservation Board
510 5 Avenue SW
Calgary, Alberta, Canada
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ENERGY RESOURCES CONSERVATION BOARD
STATISTICAL SERIES

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Alberta
Oil Sands Plant Statistics

Monthly Supplement

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MONTHLY SUPPLEMENT

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



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BITUMEN SYNTHETIC PLANT OPERATIONS

		1985 Year		January Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		<u>OIL SANDS</u>		<u>OIL SANDS</u>	
		<u>TONNES</u>	<u>GRADE</u>	<u>TONNES</u>	<u>GRADE</u>
PRODUCTION		<u>2 115 326</u>	<u>10.51</u>	PRODUCTION	<u>7 607 753 10.97</u>
PROCESSED		<u>2 115 326</u>	<u>10.51</u>	PROCESSED	<u>8 636 120 10.83</u>
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		<u>GAS</u>	<u>ELECTRIC</u>	<u>GAS</u>	<u>ELECTRIC</u>
		<u>10³ m³</u>	<u>GWh</u>	<u>10³ m³</u>	<u>GWh</u>
PURCHASED		25 384.8	2.8	PURCHASED	59 559.0 1.2
GENERATED		-	32.4	GENERATED	- 76.1
		<u>25 384.8</u>	<u>35.2</u>		<u>59 559.0 77.3</u>
PLANT USE		17 582.2	35.2	PLANT USE	19 706.0 77.3
FURTHER PROCESSING		7 802.6	-	FURTHER PROCESSING	39 853.0 -
FLARED		-	-	FLARED	- -
METER DIFF.		-	-	METER DIFF.	- -
		<u>25 384.8</u>	<u>35.2</u>		<u>59 559.0 77.3</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

OPERATOR					1985	JANUARY
					Year	Month
	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4
PRODUCTION	149 664.5	847.0	45 486	7 010	192 957.3	181 346.0
CLOSE INV.	82 523.6	2 001.5	1 596 229	326 817	15 861.6	13 831.4
	144 969.3	949.9	66 610	21 417	192 788.7	171 232.0
FURTHER PROC.	-	-	-	-	192 788.7	169 192.4
FUEL	4 517.3	949.9	61 713	-	-	1 812.8
FLARED/WASTE	-	-	-	834	-	107.4
METER DIFF.	(98.9)	-	4 897	8 398	-	119.4
DELIVERIES	140 550.9	-	-	12 185	-	-
	144 969.3	949.9	66 610	21 417	192 788.7	171 232.0
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029	59 730	3 758 975	91 718	426 520	56 503
PRODUCTION	702 606	13 878	82 294	28 913	780 838	690 427
CLOSE INV.	28 654	64 138	3 841 269	89 810	352 449	40 748
	694 981	9 470	-	30 821	854 909	706 182
FURTHER PROC.	-	-	-	-	854 909	703 486
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	9 470	-	-	-	930
METER DIFF.	(14)	-	-	-	-	1 766
DELIVERIES	694 995	-	-	30 821	-	-
	694 981	9 470	-	30 821	854 909	706 182

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985 JANUARY
Year to Date

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
<u>OIL SANDS</u>			<u>OIL SANDS</u>		
	<u>TONNES</u>	<u>GRADE</u>		<u>TONNES</u>	<u>GRADE</u>
PRODUCTION	<u>2 115 326</u>	<u>10.51</u>	PRODUCTION	<u>7 607 753</u>	<u>10.97</u>
PROCESSED	<u>2 115 326</u>	<u>10.51</u>	PROCESSED	<u>8 636 120</u>	<u>10.83</u>
<u>EXTERNAL ENERGY</u>			<u>EXTERNAL ENERGY</u>		
	<u>GAS</u>	<u>ELECTRIC</u>		<u>GAS</u>	<u>ELECTRIC</u>
	<u>10³ m³</u>	<u>GWh</u>		<u>10³ m³</u>	<u>GWh</u>
PURCHASED	25 384.8	2.8	PURCHASED	59 559.0	1.2
GENERATED	<u>-</u>	<u>32.4</u>	GENERATED	<u>-</u>	<u>76.1</u>
	<u>25 384.8</u>	<u>35.2</u>		<u>59 559.0</u>	<u>77.3</u>
PLANT USE	17 582.2	35.2	PLANT USE	19 706.0	77.3
FURTHER PROCESSING	7 802.6	-	FURTHER PROCESSING	39 853.0	-
FLARED	-	-	FLARED	-	-
METER DIFF.	<u>-</u>	<u>-</u>	METER DIFF.	<u>-</u>	<u>-</u>
	<u>25 384.8</u>	<u>35.2</u>		<u>59 559.0</u>	<u>77.3</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985 JANUARY
Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4
PRODUCTION	149 664.5	847.0	45 486	7 010	192 957.3	181 346.0
CLOSE INV.	82 523.6	2 001.5	1 596 229	326 817	15 861.6	13 831.4
	144 969.3	949.9	66 610	21 417	192 788.7	171 232.0
FURTHER PROC.	-	-	-	-	192 788.7	169 192.4
FUEL	4 517.3	949.9	61 713	-	-	1 812.8
FLARED/WASTE	-	-	-	834	-	107.4
METER DIFF.	(98.9)	-	4 897	8 398	-	119.4
DELIVERIES	140 550.9	-	-	12 185	-	-
	144 969.3	949.9	66 610	21 417	192 788.7	171 232.0
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029	59 730	3 758 975	91 718	426 520	56 503
PRODUCTION	702 606	13 878	82 294	28 913	780 838	690 427
CLOSE INV.	28 654	64 138	3 841 269	89 810	352 449	40 748
	694 981	9 470	-	30 821	854 909	706 182
FURTHER PROC.	-	-	-	-	854 909	703 486
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	9 470	-	-	-	930
METER DIFF.	(14)	-	-	-	-	1 766
DELIVERIES	694 995	-	-	30 821	-	-
	694 981	9 470	-	30 821	854 909	706 182

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985 Year		February Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		1 918 074	10.91	PRODUCTION	7 899 028 10.78
PROCESSED		1 918 074	10.91	PROCESSED	7 015 435 11.01
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		23 711.8	2.7	PURCHASED	53 854.0 -
GENERATED		-	35.5	GENERATED	- 71.4
		23 711.8	38.2		53 854.0 71.4
PLANT USE		16 254.3	38.2	PLANT USE	- 71.4
FURTHER PROCESSING		7 457.5	-	FURTHER PROCESSING	34 679.0 -
FLARED		-	-	FLARED	19 175.0 -
METER DIFF.		-	-	METER DIFF.	- -
		23 711.8	38.2		53 854.0 71.4

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985 February
Year Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	82 523.6	2 001.5	1 596 229	326 817	15 861.6	13 831.4
PRODUCTION	136 983.7	1 723.7	38 687	5 193	188 937.2	156 124.1
CLOSE INV.	81 027.7	1 639.5	1 575 681	323 321	39 190.1	11 815.0
	138 479.6	2 085.7	59 235	8 689	165 608.7	158 140.5
FURTHER PROC.	-	-	-	-	165 608.7	154 085.2
FUEL	3 600.4	2 085.7	59 235	-	-	1 305.4
FLARED/WASTE	78.7	-	-	1 454	-	2 699.6
METER DIFF.	926.2	-	-	-	-	50.3
DELIVERIES	133 874.3			7 235	-	-
	138 479.6	2 085.7	59 235	8 689	165 608.7	158 140.5
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	28 654	64 138	3 841 269	89 810	352 449	40 748
PRODUCTION	596 427	4 539	75 696	24 598	679 204	631 576
CLOSE INV.	31 610	62 767	3 916 965	86 667	247 944	80 256
	593 471	5 910	-	27 741	783 709	592 068
FURTHER PROC.	-	-	-	-	783 708	591 139
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	5 910	-	-	-	930
METER DIFF.	(5)	-	-	-	1	(1)
DELIVERIES	593 476	-	-	27 741	-	-
	593 471	5 910	-	27 741	783 709	592 068

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985 Year		February to Date	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		4 033 400	10.70	PRODUCTION	15 506 781 10.87
PROCESSED		4 033 400	10.70	PROCESSED	15 651 555 10.91
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		49 096.6	5.5	PURCHASED	113 413.0 1.2
GENERATED		-	67.9	GENERATED	- 147.5
		49 096.6	73.4		113 413.0 148.7
PLANT USE		33 836.5	73.4	PLANT USE	19 706.0 148.7
FURTHER PROCESSING		15 260.1	-	FURTHER PROCESSING	74 532.0 -
FLARED		-	-	FLARED	19 175.0 -
METER DIFF.		-	-	METER DIFF.	- -
		49 096.6	73.4		113 413.0 148.7

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985 February
Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4
PRODUCTION	286 648.2	2 570.7	84 173	12 203	381 894.5	337 470.1
CLOSE INV.	81 027.7	1 639.5	1 575 681	323 321	39 190.1	11 815.0
	<u>283 448.9</u>	<u>3 035.6</u>	<u>125 845</u>	<u>30 106</u>	<u>358 397.4</u>	<u>329 372.5</u>
FURTHER PROC.	-	-	-	-	358 397.4	323 277.6
FUEL	8 117.7	3 035.6	120 948	-	-	3 118.2
FLARED/WASTE	78.7	-	-	2 288	-	2 807.0
METER DIFF.	827.3	-	4 897	8 398	-	169.7
DELIVERIES	274 425.2	-	-	19 420	-	-
	<u>283 448.9</u>	<u>3 035.6</u>	<u>125 845</u>	<u>30 106</u>	<u>358 397.4</u>	<u>329 372.5</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029	59 730	3 758 975	91 718	426 520	56 503
PRODUCTION	1 299 033	18 417	157 990	53 511	1 460 042	1 322 003
CLOSE INV.	31 610	62 767	3 916 965	86 667	247 944	80 256
	<u>1 288 452</u>	<u>15 380</u>	<u>-</u>	<u>58 562</u>	<u>1 638 618</u>	<u>1 298 250</u>
FURTHER PROC.	-	-	-	-	1 638 617	1 294 625
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	15 380	-	-	-	1 860
METER DIFF.	(19)	-	-	-	1	1 765
DELIVERIES	1 288 471	-	-	58 562	-	-
	<u>1 288 452</u>	<u>15 380</u>	<u>-</u>	<u>58 562</u>	<u>1 638 618</u>	<u>1 298 250</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.



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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985 Year		MARCH Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		<u>3 065 989</u>	<u>12.13</u>	PRODUCTION	<u>8 451 043</u> <u>10.91</u>
PROCESSED		<u>3 065 989</u>	<u>12.13</u>	PROCESSED	<u>9 322 422</u> <u>10.91</u>
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		20 936.2	1.1	PURCHASED	56 787.0 3.7
GENERATED		-	37.8	GENERATED	- 80.8
		<u>20 936.2</u>	<u>38.9</u>		<u>56 787.0</u> <u>84.5</u>
PLANT USE		10 023.9	38.9	PLANT USE	- 84.5
FURTHER PROCESSING		9 939.5	-	FURTHER PROCESSING	40 228.0 -
FLARED		972.8	-	FLARED	16 559.0 -
METER DIFF.		-	-	METER DIFF.	- -
		<u>20 936.2</u>	<u>38.9</u>		<u>56 787.0</u> <u>84.5</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985

MARCH

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	81 027.7	1 639.5	1 575 681	323 321	39 190.1	11 815.0
PRODUCTION	249 378.9	681.1	79 467	8 993 ^(B)	333 861.3	283 251.5 ^(A)
CLOSE INV.	99 871.1	1 730.9	1 589 751	312 803	32 872.9	6 583.8
	230 535.5	589.7	65 397	19 511	340 178.5	288 482.7
FURTHER PROC.	-	-	-	-	340 178.5	281 711.0
FUEL	2 858.6	589.7	64 670	-	-	1 293.2
FLARED/WASTE	-	-	-	1 107	-	5 446.2
METER DIFF.	188.6	-	-	1	-	32.3
DELIVERIES	227 488.3	-	727	18 403	-	-
	230 535.5	589.7	65 397	19 511	340 178.5	288 482.7
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	31 610	62 767	3 916 965	86 667	247 944	80 256
PRODUCTION	717 881 ^(C)	9 824	83 250	29 586	906 484	702 000
CLOSE INV.	23 950	64 975	4 000 215	82 988	280 398	65 763
	725 541	7 616	-	33 265	874 030	716 493
FURTHER PROC.	-	-	-	-	874 029	715 562
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	7 616	-	-	-	930
METER DIFF.	14	-	-	-	1	1
DILUENT CARRYOVER/RERUN	-	-	-	-	-	-
DELIVERIES	725 527	-	-	33 265	-	-
	725 541	7 616	-	33 265	874 030	716 493

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		<u>1985</u>		<u>MARCH</u>
		<u>Year</u>	<u>to</u>	<u>Date</u>
		<u>SUNCOR</u>		<u>SYNCRUDE</u>
		<u>OIL SANDS</u>		<u>OIL SANDS</u>
		<u>TONNES</u>	<u>GRADE</u>	
PRODUCTION	7 099 389	11.32	PRODUCTION	23 957 824 10.89
PROCESSED	7 099 389	11.32	PROCESSED	24 700 977 10.91
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>
		<u>GAS</u>	<u>ELECTRIC</u>	
		<u>10³ m³</u>	<u>GWh</u>	
PURCHASED	70 032.8	6.6	PURCHASED	170 200.0 4.9
GENERATED	-	105.7	GENERATED	- 228.3
	70 032.8	112.3		170 200.0 233.2
PLANT USE	43 860.4	112.3	PLANT USE	19 706.0 233.2
FURTHER PROCESSING	25 199.6	-	FURTHER PROCESSING	114 760.0 -
FLARED	972.8	-	FLARED	35 734.0 -
METER DIFF.	-	-	METER DIFF.	- -
	70 032.8	112.3		170 200.0 233.2

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985 March
Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617.353	341 224	15 693.0	3 717.4
PRODUCTION	536 027.1	3 251.8	163 640	21 196 (B)	715 755.8	620 721.6 (A)
CLOSE INV.	99 871.1	1 730.9	1 589 751	312 803	32 872.9	6 583.8
	513 984.4	3 625.3	191 242	49 617	698 575.9	617 855.2
FURTHER PROC.	-	-	-	-	698 575.9	604 988.6
FUEL	10 976.3	3 625.3	185 618	-	-	4 411.4
FLARED/WASTE	78.7	-	-	3 395	-	8 253.2
METER DIFF.	1 015.9	-	4 897	8 399	-	202.0
DELIVERIES	501 913.5	-	727	37 823	-	-
	513 984.4	3 625.3	191 242	49 617	698 575.9	617 855.2
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029 (C)	59 730	3 758 975	91 718	426 520	56 503
PRODUCTION	2 016 914	28 241	241 240	83 097	2 366 526	2 024 003
CLOSE INV.	23 950	64 975	4 000 215	82 988	280 398	65 763
	2 013 993	22 996	-	91 827	2 512 648	2 014 743
FURTHER PROC.	-	-	-	-	2 512 646	2 010 187
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	22 996	-	-	-	2 790
METER DIFF.	(5)	-	-	-	2	1
DILUENT CARRYOVER/RERUN	-	-	-	-	-	1 765
DELIVERIES	2 013 998	-	-	91 827	-	-
	2 013 993	22 996	-	91 827	2 512 648	2 014 743

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

All figures include current adjustment.



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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

			1985 Year	APRIL Month
	<u>SUNCOR</u>		<u>SYNCRUDE</u>	
	OIL SANDS		OIL SANDS	
	<u>TONNES</u>	<u>GRADE</u>	<u>TONNES</u>	<u>GRADE</u>
PRODUCTION	<u>1 439 189</u>	<u>12.03</u>	<u>9 889 816</u>	<u>10.76</u>
PROCESSED	<u>1 439 189</u>	<u>12.03</u>	<u>8 462 926</u>	<u>10.68</u>
	<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
	<u>GAS</u>	<u>ELECTRIC</u>	<u>GAS</u>	<u>ELECTRIC</u>
	<u>10³ m³</u>	<u>GWh</u>	<u>10³ m³</u>	<u>GWh</u>
PURCHASED	16 237.1	5.8	PURCHASED	53 291.0 5.6
GENERATED	-	17.5	GENERATED	- 80.8
	<u>16 237.1</u>	<u>23.3</u>		<u>53 291.0 86.4</u>
PLANT USE	9 958.4	23.3	PLANT USE	12 788.0 86.4
FURTHER PROCESSING	5 918.7	-	FURTHER PROCESSING	40 503.0 -
FLARED	360.1	-	FLARED	- -
METER DIFF.	(0.1)	-	METER DIFF.	- -
	<u>16 237.1</u>	<u>23.3</u>		<u>53 291.0 86.4</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985

APRIL

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	99 871.1	1 730.9	1 589 751	312 803	32 872.9	6 583.8
PRODUCTION	119 051.4	1 560.5	41 333	4 389	152 024.3	151 337.9
CLOSE INV.	84 304.6	2 312.0	1 596 440	300 834	7 959.8	11 231.4
	134 617.9	979.4	34 644	16 358	176 937.4	146 690.3
FURTHER PROC.	-	-	-	-	176 937.4	142 987.2
FUEL	2 848.3	979.4	34 097	-	-	491.2
FLARED/WASTE	-	-	-	692	-	3 182.6
METER DIFF.	(442.9)	-	-	-	-	29.3
DELIVERIES	132 212.5	-	547	15 666	-	-
	134 617.9	979.4	34 644	16 358	176 937.4	146 690.3
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	23 950.0	64 975.0	4 000 215	82 988	280 398.0	65 763.0
PRODUCTION	707 546.0	8 816.0	82 017	27 855	799 029.0	684 707.0
CLOSE INV.	38 793.0	64 523.0	4 082 232	79 419	230 265.0	43 211.0
	692 703.0	9 268.0	-	31 424	849 162.0	707 259.0
FURTHER PROC.	-	-	-	-	847 667.0	705 086.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	8 431.0	-	-	-	930.0
METER DIFF.	(27.0)	837.0	-	-	1 495.0	1 243.0
DILUENT CARRYOVER/ RERUN	-	-	-	-	-	-
DELIVERIES	692 730.0	-	-	31 424	-	-
	692 703.0	9 268.0	-	31 424	849 162.0	707 259.0

NOTES: (1) Volume at 101.325 kPa and 15°C.
(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985		APRIL	
		Year		to Date	
<u>SUNCOR</u>				<u>SYNCRUDE</u>	
OIL SANDS				OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	8 538 578	11.44	PRODUCTION	33 847 640	10.85
PROCESSED	8 538 578	11.44	PROCESSED	33 163 903	10.85
<u>EXTERNAL ENERGY</u>				<u>EXTERNAL ENERGY</u>	
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	86 269.9	12.4	PURCHASED	223 491.0	10.5
GENERATED	-	123.2	GENERATED	-	309.1
	86 269.9	135.6		223 491.0	319.6
PLANT USE	53 818.8	135.6	PLANT USE	32 494.0	319.6
FURTHER PROCESSING	31 118.3	-	FURTHER PROCESSING	155 263.0	-
FLARED	1 332.9	-	FLARED	35 734.0	-
METER DIFF.	(0.1)	-	METER DIFF.	-	-
	86 269.9	135.6		223 491.0	319.6

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985

APRIL

Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4
PRODUCTION	655 078.5	4 812.3	204 973	25 585	867 780.1	772 059.5
CLOSE INV.	84 304.6	2 312.0	1 596 440	300 834	7 959.8	11 231.4
	648 602.3	4 604.7	225 886	65 975	875 513.3	764 545.5
FURTHER PROC.	-	-	-	-	875 513.3	747 975.8
FUEL	13 824.6	4 604.7	219 715	-	-	4 902.6
FLARED/WASTE	78.7	-	-	4 087	-	11 435.8
METER DIFF.	573.0	-	4 897	8 399	-	231.3
DELIVERIES	634 126.0	-	1 274	53 489	-	-
	648 602.3	4 604.7	225 886	65 975	875 513.3	764 545.5
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029	59 730	3 758 975	91 718	426 520	56 503
PRODUCTION	2 724 460	37 057	323 257	110 952	3 165 555	2 708 710
CLOSE INV.	38 793	64 523	4 082 232	79 419	230 265	43 211
	2 706 696	32 264	-	123 251	3 361 810	2 722 002
FURTHER PROC.	-	-	-	-	3 360 313	2 715 273
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	31 427	-	-	-	3 720
METER DIFF.	(32)	837	-	-	1 497	1 244
DILUENT CARRYOVER/ RERUN	-	-	-	-	-	1 765
DELIVERIES	2 706 728	-	-	123 251	-	-
	2 706 696	32 264	-	123 251	3 361 810	2 722 002

NOTES: (1) Volume at 101.325 kPa and 15°C.
(2) Liquid volume at 15°C.

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985 Year		MAY Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		<u>2 279 172</u>	<u>11.82</u>	PRODUCTION	<u>9 238 654</u> <u>10.67</u>
PROCESSED		<u>2 279 030</u>	<u>11.82</u>	PROCESSED	<u>8 978 908</u> <u>10.83</u>
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		103 m ³	GWh	103 m ³	GWh
PURCHASED		22 163.6	3.6	PURCHASED	52 825.0 16.4
GENERATED		-	27.1	GENERATED	- 78.2
		<u>22 163.6</u>	<u>30.7</u>		<u>52 825.0</u> <u>94.6</u>
PLANT USE		14 398.4	30.7	PLANT USE	16 404.0 94.6
FURTHER PROCESSING		5 991.4	-	FURTHER PROCESSING	36 421.0 -
FLARED		1 773.8	-	FLARED	- -
METER DIFF.		-	-	METER DIFF.	- -
		<u>22 163.6</u>	<u>30.7</u>		<u>52 825.0</u> <u>94.6</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985

MAY

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	84 304.6	2 312.0	1 596 440	300 834	7 959.8	11 231.4
PRODUCTION	149 030.6	2 300.9	48 105	6 020	231 597.5	144 790.6
CLOSE INV.	86 062.3	1 273.7	1 595 242	290 339	33 628.7	6 246.1
	147 272.9	3 339.2	49 303	16 515	205 928.6	149 775.9
FURTHER PROC.	-	-	-	-	205 928.6	149 257.8
FUEL	2 525.6	3 339.2	48 379	-	-	230.6
FLARED/WASTE	-	-	-	815	-	287.5
METER DIFF.	16.1	-	-	-	-	-
DELIVERIES	144 731.2	-	924	15 700	-	-
	147 272.9	3 339.2	49 303	16 515	205 928.6	149 775.9
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	38 793.0	64 523.0	4 082 232	79 419	230 265.0	43 211.0
PRODUCTION	660 793.0	704.0	76 227	26 821	877 924.0	646 772.0
CLOSE INV.	8 074.0	58 312.0	4 158 459	74 046	321 212.0	36 060.0
	691 512.0	6 915.0	-	32 194	786 977.0	653 923.0
FURTHER PROC.	-	-	-	-	786 977.0	652 992.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	6 795.0	-	-	-	930.0
METER DIFF.	58.0	120.0	-	1	-	1.0
DILUENT CARRYOVER/ RERUN	-	-	-	-	-	-
DELIVERIES	691 454.0	-	-	32 193	-	-
	691 512.0	6 915.0	-	32 194	786 977.0	653 923.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985 Year		to	MAY Date
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		<u>OIL SANDS</u>		<u>OIL SANDS</u>	
		<u>TONNES</u>	<u>GRADE</u>	<u>TONNES</u>	<u>GRADE</u>
PRODUCTION		<u>10 817 750</u>	<u>11.52</u>	PRODUCTION	<u>43 086 294 10.81</u>
PROCESSED		<u>10 817 608</u>	<u>11.52</u>	PROCESSED	<u>42 142 811 10.85</u>
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		<u>GAS</u>	<u>ELECTRIC</u>	<u>GAS</u>	<u>ELECTRIC</u>
		<u>103 m³</u>	<u>GWh</u>	<u>103 m³</u>	<u>GWh</u>
PURCHASED		108 433.5	12.4	PURCHASED	276 316.0 63.0
GENERATED		-	150.3	GENERATED	- 387.3
		<u>108 433.5</u>	<u>162.7</u>		<u>276 316.0 450.3</u>
PLANT USE		68 217.2	162.7	PLANT USE	48 898.0 450.3
FURTHER PROCESSING		37 109.7	-	FURTHER PROCESSING	191 684.0 -
FLARED		3 106.7	-	FLARED	35 734.0 -
METER DIFF.		(0.1)	-	METER DIFF.	- -
		<u>108 433.5</u>	<u>162.7</u>		<u>276 316.0 450.3</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

All figures include current adjustments.

BITUMEN SYNTHETIC PLANT OPERATIONS

1985

MAY

Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4
PRODUCTION	804 109.1	7 113.2	253 078	31 605	1 099 377.6	916 850.1
CLOSE INV.	86 062.3	1 273.7	1 595 242	290 339	33 628.7	6 246.1
	<u>795 875.2</u>	<u>7 943.9</u>	<u>275 189</u>	<u>82 490</u>	<u>1 081 441.9</u>	<u>914 321.4</u>
FURTHER PROC.	-	-	-	-	1 081 441.9	897 233.6
FUEL	16 350.2	7 943.9	268 094	-	-	5 133.2
FLARED/WASTE	78.7	-	-	4 902	-	11 723.3
METER DIFF.	589.1	-	4 897	8 399	-	231.3
DELIVERIES	<u>778 857.2</u>	<u>-</u>	<u>2 198</u>	<u>69 189</u>	<u>-</u>	<u>-</u>
	<u>795 875.2</u>	<u>7 943.9</u>	<u>275 189</u>	<u>82 490</u>	<u>1 081 441.9</u>	<u>914 321.4</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029.0	59 730.0	3 758 975	91 718	426 520.0	56 503.0
PRODUCTION	3 385 253.0	37 761.0	399 484	137 773	4 043 479.0	3 355 482.0
CLOSE INV.	8 074.0	58 312.0	4 158 459	74 046	321 212.0	36 060.0
	<u>3 398 208.0</u>	<u>39 179.0</u>	<u>-</u>	<u>155 445</u>	<u>4 148 787.0</u>	<u>3 375 925.0</u>
FURTHER PROC.	-	-	-	-	4 147 290.0	3 368 265.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	38 222.0	-	-	-	4 650.0
METER DIFF.	26.0	957.0	-	1	1 497.0	1 245.0
DILUENT CARRYOVER/ RERUN	-	-	-	-	-	1 765.0
DELIVERIES	<u>3 398 182.0</u>	<u>-</u>	<u>-</u>	<u>155 444</u>	<u>-</u>	<u>-</u>
	<u>3 398 208.0</u>	<u>39 179.0</u>	<u>-</u>	<u>155 445</u>	<u>4 148 787.0</u>	<u>3 375 925.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.



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Alberta Oil Sands Plant Statistics

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

			1985 Year	JUNE Month
	<u>SUNCOR</u>		<u>SYNCRUDE</u>	
	OIL SANDS		OIL SANDS	
	<u>TONNES</u>	<u>GRADE</u>	<u>TONNES</u>	<u>GRADE</u>
PRODUCTION	<u>3 297 693</u>	<u>11.77</u>	PRODUCTION	<u>8 034 361</u> <u>10.89</u>
PROCESSED	<u>3 297 693</u>	<u>11.77</u>	PROCESSED	<u>8 252 074</u> <u>10.97</u>
	<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
	<u>GAS</u>	<u>ELECTRIC</u>	<u>GAS</u>	<u>ELECTRIC</u>
	<u>10³ m³</u>	<u>GWh</u>	<u>10³ m³</u>	<u>GWh</u>
PURCHASED	25 119.7	16.2	PURCHASED	49 098.0 19.3
GENERATED	-	23.2	GENERATED	- 64.3
	<u>25 119.7</u>	<u>39.4</u>		<u>49 098.0</u> <u>83.6</u>
PLANT USE	13 980.4	39.4	PLANT USE	13 362.0 83.6
FURTHER PROCESSING	10 068.5	-	FURTHER PROCESSING	35 736.0 -
FLARED	1 070.8	-	FLARED	- -
METER DIFF.	-	-	METER DIFF.	- -
	<u>25 119.7</u>	<u>39.4</u>		<u>49 098.0</u> <u>83.6</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

BITUMEN SYNTHETIC PLANT OPERATIONS					1985	JUNE
					Year	Month
OPERATOR	PRODUCTS			INTERMEDIATES		
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	86 062.3	1 273.7	1 595 242	290 339	33 628.7	6 246.1
PRODUCTION	254 596.9	696.8	79 413	10 548	323 648.2	276 762.9
CLOSE INV.	87 998.6	1 633.0	1 682 095	301 591	17 331.0	3 685.8
	<u>252 660.6</u>	<u>337.5</u>	<u>(7 440)</u>	<u>(704)</u>	<u>339 945.9</u>	<u>279 323.2</u>
FURTHER PROC.	-	-	-	-	339 945.8	279 183.6
FUEL	3 894.6	337.5	55 709	-	-	85.5
FLARED/WASTE	-	-	-	1 282	-	-
METER DIFF.	20.6	-	(63 149)*	(15 690)*	0.1	54.1
DELIVERIES	<u>248 745.4</u>	<u>-</u>	<u>-</u>	<u>13 704</u>	<u>-</u>	<u>-</u>
	<u>252 660.6</u>	<u>337.5</u>	<u>(7 440)</u>	<u>(704)</u>	<u>339 945.9</u>	<u>279 323.2</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	8 074.0	58 312.0	4 158 459	74 046	321 212.0	36 060.0
PRODUCTION	595 958.0	9 566.0	76 509	24 826	797 053.0	628 257.0
CLOSE INV.	29 258.0	62 063.0	4 234 968	70 290	337 440.0	68 273.0
	<u>574 774.0</u>	<u>5 815.0</u>	<u>0</u>	<u>28 582</u>	<u>780 825.0</u>	<u>596 044.0</u>
FURTHER PROC.	-	-	-	-	780 824.0	595 114.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	5 695.0	-	-	-	930.0
METER DIFF.	(38.0)	120.0	-	(1)	1.0	-
DELIVERIES	<u>574 812.0</u>	<u>-</u>	<u>-</u>	<u>28 583</u>	<u>-</u>	<u>-</u>
	<u>574 774.0</u>	<u>5 815.0</u>	<u>0</u>	<u>28 582</u>	<u>780 825.0</u>	<u>596 044.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

* COKE: Includes aerial survey adjustments to inventory

* SULPHUR: Includes some of the contaminated pile that has been deemed recoverable

BITUMEN SYNTHETIC PLANT OPERATIONS

		1985		JUNE	
		Year	to	Date	
<u>SUNCOR</u>			<u>SYNCRUDE</u>		
OIL SANDS			OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	14 115 443	11.58	PRODUCTION	51 120 655	11.04
PROCESSED	14 115 301	11.58	PROCESSED	50 394 885	10.87
<u>EXTERNAL ENERGY</u>			<u>EXTERNAL ENERGY</u>		
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	133 553.2	28.6	PURCHASED	325 414.0	82.3
GENERATED	-	173.5	GENERATED	-	451.6
	133 553.2	202.1		325 414.0	533.9
PLANT USE	82 197.6	202.1	PLANT USE	62 260.0	533.9
FURTHER PROCESSING	47 178.2	-	FURTHER PROCESSING	227 420.0	-
FLARED	4 177.5	-	FLARED	35 734.0	-
METER DIFF.	(0.1)	-	METER DIFF.	-	-
	133 553.2	202.1		325 414.0	533.9

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

OPERATOR	1985 Year to JUNE Date					
	PRODUCTS			INTERMEDIATES		
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4
PRODUCTION	1 058 706.0	7 810.0	332 491	42 153	1 423 025.8	1 193 613.0
CLOSE INV.	87 998.6	1 633.0	1 682 095	301 591	17 331.0	3 685.8
	<u>1 048 535.8</u>	<u>8 281.4</u>	<u>267 749</u>	<u>81 786</u>	<u>1 421 387.8</u>	<u>1 193 644.6</u>
FURTHER PROC.	-	-	-	-	1 421 387.7	1 176 417.2
FUEL	20 244.8	8 281.4	323 803	-	-	5 218.7
FLARED/WASTE	78.7	-	-	6 184	-	11 723.3
METER DIFF.	609.7	-	(58 252)	(7 291)	0.1	285.4
DELIVERIES	<u>1 027 602.6</u>	<u>-</u>	<u>2 198</u>	<u>82 893</u>	<u>-</u>	<u>-</u>
	<u>1 048 535.8</u>	<u>8 281.4</u>	<u>276 749</u>	<u>81 786</u>	<u>1 421 387.8</u>	<u>1 193 644.6</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	21 029.0	59 730.0	3 758 975	91 718	426 520.0	56 503.0
PRODUCTION	3 981 211.0	47 327.0	475 993	162 599	4 840 532.0	3 983 739.0
CLOSE INV.	29 258.0	62 063.0	4 234 968	70 290	337 440.0	68 273.0
	<u>3 972 982.0</u>	<u>44 994.0</u>	<u>0</u>	<u>184 027</u>	<u>4 929 612.0</u>	<u>3 971 969.0</u>
FURTHER PROC.	-	-	-	-	4 928 114.0	3 963 379.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	43 917.0	-	-	-	5 580.0
METER DIFF.	(12.0)	1 077.0	-	-	1 498.0	1 245.0
DILUENT CARRYOVER/RRUN	-	-	-	-	-	1 765.0
DELIVERIES	<u>3 972 994.0</u>	<u>-</u>	<u>-</u>	<u>184 027</u>	<u>-</u>	<u>-</u>
	<u>3 972 982.0</u>	<u>44 994.0</u>	<u>0</u>	<u>184 027</u>	<u>4 929 612.0</u>	<u>3 971 969.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.



Alberta Oil Sands Plant Statistics

Monthly Supplement

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Alberta Oil Sands Plant Statistics

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

1

				1985	JULY
				YEAR	MONTH
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3,169,559	11.55	PRODUCTION	10,247,139	10.99
PROCESSED	3,169,559	11.55	PROCESSED	9,099,961	10.70
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS 3 3 10 m	ELECTRIC GWh		GAS 3 3 10 m	ELECTRIC GWh
PURCHASED	17,658.6	4.0	PURCHASED	47,133.0	18.3
GENERATED	0.0	34.3	GENERATED	0.0	71.5
	17,658.6	38.3		47,133.0	89.8
PLANT USE	6,447.0	38.3	PLANT USE	10,337.0	89.8
FURTHER			FURTHER		
PROCESSING	10,485.9	0.0	PROCESSING	36,796.0	0
FLARED	725.7	0.0	FLARED	0.0	0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0
	17,658.6	38.3		47,133.0	89.8

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

BITUMEN SYNTHETIC PLANT OPERATIONS

2

OPERATOR	PRODUCTS		INTERMEDIATES			
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR	Heavy Fuel Oil					
OPEN. INV.	87,998.6	1,633.0	1,682,095	301,591	17,331.0	3,685.8
FR. SYNCRUDE	0.0	0.0	0	0	36,278.0	0.0
PRODUCTION	242,971.3	631.5	78,615	10,116	275,637.4	279,723.7
CLOS. INV.	88,717.5	1,882.6	1,695,623	293,215	28,990.7	15,652.6
	242,252.4	381.9	65,087	18,492	300,255.7	267,756.9
FURTHER						
PROCESSING	0.0	0.0	0	0	300,255.7	266,522.7
FUEL	4,354.3	381.9	64,774	0	0.0	912.0
FLARED/WASTE	0.0	0.0	0	951	0.0	259.0
MET. DIFF.	(7.6)	0.0	1	0	0.0	63.2
DELIVERIES	237,905.7	0.0	312	17,541	0.0	0.0
	242,252.4	381.9	65,087	18,492	300,255.7	267,756.9
SYNCRUDE	Diluent Naphtha					
OPEN. INV.	29,258.0	62,063.0	4,234,968	70,290	337,440.0	68,273.0
PRODUCTION	595,674.0	6,113.0	76,366	25,303	852,900.0	628,818.0
CLOS. INV.	41,209.0	60,942.0	4,311,334	67,114	335,001.0	102,157.0
	583,723.0	7,234.0	0	28,479	855,339.0	594,934.0
FURTHER						
PROCESSING	0.0	0.0	0	0	819,061.0	593,930.0
FUEL	0.0	7,114.0	0	0	0.0	0.0
FLARED/WASTE	0.0	0.0	0	0	0.0	1,004.0
MET. DIFF.	(21.0)	120.0	0	1	0.0	0.0
DILUENT CARRYOVER /RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	36,278.0	0.0
DELIVERIES	583,744.0	0.0	0	28,478	0.0	0.0
	583,723.0	7,234.0	0	28,479	855,339.0	594,934.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

BITUMEN SYNTHETIC PLANT OPERATIONS

3

				1985	JULY
				YEAR TO DATE	
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
-----			-----		
	TONNES	GRADE		TONNES	GRADE
-----			-----		
PRODUCTION	17,285,002	11.57	PRODUCTION	61,367,794	11.03
=====			=====		
PROCESSED	17,284,860	11.57	PROCESSED	59,494,846	10.84
=====			=====		
EXTERNAL ENERGY			EXTERNAL ENERGY		
-----			-----		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
-----			-----		
PURCHASED	151,211.8	32.6	PURCHASED	372,547.0	100.6
GENERATED	0.0	207.8	GENERATED	0.0	523.1
-----			-----		
	151,211.8	240.4		372,547.0	623.7
=====			=====		
PLANT USE	88,644.6	240.4	PLANT USE	72,597.0	623.7
FURTHER			FURTHER		
PROCESSING	57,664.1	0.0	PROCESSING	264,216.0	0.0
FLARED	4,903.2	0.0	FLARED	35,734.0	0.0
METERING			METERING		
DIFFERENCE	(0.1)	0.0	DIFFERENCE	0.0	0.0
-----			-----		
	151,211.8	240.4		372,547.0	623.7
=====			=====		

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

BITUMEN SYNTHETIC PLANT OPERATIONS

4

		1985		JULY		
		YEAR TO DATE				
OPERATOR	PRODUCTS	INTERMEDIATES				
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	77,828.4	2,104.4	1,617,353	341,224	15,693.0	3,717.4
FR. SYNCRUDE	0.0	0.0	0	0	36,278.0	0.0
PRODUCTION	1,301,677.3	8,441.5	411,106	52,269	1,698,663.2	1,473,336.7
CLOS. INV.	88,717.5	1,882.6	1,695,623	293,215	28,990.7	15,652.6
	1,290,788.2	8,663.3	332,836	100,278	1,721,643.5	1,461,401.5
FURTHER						
PROCESSING	0.0	0.0	0	0	1,721,643.4	1,442,939.9
FUEL	24,599.1	8,663.3	388,577	0	0.0	6,130.7
FLARED/WASTE	78.7	0.0	0	7,135	0.0	11,982.3
MET. DIFF.	602.1	0.0	(58,251)	(7,291)	0.1	348.6
DELIVERIES	1,265,508.3	0.0	2,510	100,434	0.0	0.0
	1,290,788.2	8,663.3	332,836	100,278	1,721,643.5	1,461,401.5
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	21,029.0	59,730.0	3,758,975	91,718	426,520.0	56,503.0
PRODUCTION	4,576,885.0	53,440.0	552,359	187,902	5,693,432.0	4,612,557.0
CLOS. INV.	41,209.0	60,942.0	4,311,334	67,114	335,001.0	102,157.0
	4,556,705.0	52,228.0	0	212,506	5,784,951.0	4,566,903.0
FURTHER						
PROCESSING	0.0	0.0	0	0	5,747,175.0	4,557,309.0
FUEL	0.0	7,114.0	0	0	0.0	0.0
FLARED/WASTE	0.0	43,917.0	0	0	0.0	6,584.0
MET. DIFF.	(33.0)	1,197.0	0	1	1,498.0	1,245.0
DILUENT CARRYOVER						
/RERUN	0.0	0.0	0	0	0.0	1,765.0
TO SUNCOR	0.0	0.0	0	0	36,278.0	0.0
DELIVERIES	4,556,738.0	0.0	0	212,505	0.0	0.0
	4,556,705.0	52,228.0	0	212,506	5,784,951.0	4,566,903.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.



Alberta Oil Sands Plant Statistics

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- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

1

				1985	AUGUST
				YEAR	MONTH
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 346 796	11.94	PRODUCTION	8 530 158	10.87
PROCESSED	3 346 796	11.94	PROCESSED	8 969 020	11.10
EXTERNAL ENERGY				EXTERNAL ENERGY	
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	19 589.1	5.0	PURCHASED	46 177.0	17
GENERATED	0.0	32.3	GENERATED	0.0	78
	19 589.1	37.3		46 177.0	95
PLANT USE	12 711.6	37.3	PLANT USE	10 970.0	95
FURTHER			FURTHER		
PROCESSING	6 204.2	0.0	PROCESSING	35 207.0	0
FLARED	673.3	0.0	FLARED	0.0	0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0
	19 589.1	37.3		46 177.0	95

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

OPERATOR	PRODUCTS		INTERMEDIATES		1985		AUGUST	
					YEAR		MONTH	
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN		DISTILLATE	
	3 m	3 m	TONNES	TONNES	3 m		3 m	
SUNCOR	Heavy Fuel Oil							
OPEN. INV.	88 717.5	1 882.6	1 695 623	293 215	28 990.7		15 652.6	
FR. SYNCRUDE	0.0	0.0	0	0	38 363.0		0.0	
PRODUCTION	153 271.7	2 914.4	93 855	8 194	312 270.6		318 521.4	
CLOS. INV.	18 202.0	3 269.3	1 739 123	281 313	14 577.6		124 958.9	
	223 787.2	1 527.7	50 355	20 096	365 046.7		209 215.1	
FURTHER								
PROCESSING	0.0	0.0	0	0	365 046.8		164 788.4	
FUEL	4 615.9	1 527.8	50 355	0	0.0		134.6	
FLARED/WASTE	0.0	0.0	0	706	0.0		791.1	
MET. DIFF.	(26.4)	(0.1)	0	0	(0.1)		167.4	
DELIVERIES	219 197.7	0.0	0	19 390	0.0		43 333.6	
	223 787.2	1 527.7	50 355	20 096	365 046.7		209 215.1	
SYNCRUDE	Diluent Naphtha							
OPEN. INV.	41 209.0	60 942.0	4 311 334	67 114	335 001.0		102 157.0	
PRODUCTION	585 679.0	9 541.0	78 190	24 086	879 505.0		645 944.0	
CLOS. INV.	15 733.0	64 093.0	4 389 524	63 719	372 547.0		161 721.0	
	611 155.0	6 390.0	0	27 481	841 959.0		586 380.0	
FURTHER								
PROCESSING	0.0	0.0	0	0	803 596.0		585 452.0	
FUEL	0.0	0.0	0	0	0.0		0.0	
FLARED/WASTE	0.0	6 270.0	0	0	0.0		930.0	
MET. DIFF.	46.0	120.0	0	0	0.0		(2.0)	
DILUENT CARRYOVER								
/RERUN	0.0	0.0	0	0	0.0		0.0	
TO SUNCOR	0.0	0.0	0	0	38 363.0		0.0	
DELIVERIES	611 109.0	0.0	0	27 481	0.0		0.0	
	611 155.0	6 390.0	0	27 481	841 959.0		586 380.0	

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

BITUMEN SYNTHETIC PLANT OPERATIONS

3

				1985	AUGUST
				YEAR TO DATE	
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	20 631 798	11.63	PRODUCTION	69 897 952	11.01
PROCESSED	20 631 656	11.63	PROCESSED	68 463 866	10.88
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS 3 3 10 m	ELECTRIC GWh		GAS 3 3 10 m	ELECTRIC GWh
PURCHASED GENERATED	170 800.9 0.0	37.6 240.1	PURCHASED GENERATED	418 724.0 0.0	117.6 601.1
	170 800.9	277.7		418 724.0	718.7
PLANT USE FURTHER PROCESSING FLARED METERING DIFFERENCE	101 356.2 63 868.3 5 576.5 (0.1)	277.7 0.0 0.0 0.0	PLANT USE FURTHER PROCESSING FLARED METERING DIFFERENCE	83 567.0 299 423.0 35 734.0 0.0	718.7 0.0 0.0 0.0
	170 800.9	277.7		418 724.0	718.7

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

1985 AUGUST

YEAR TO DATE

OPERATOR	PRODUCTS				INTERMEDIATES											
	SYNTHETIC CRUDE OIL		OTHER HYDRO -CARBONS		COKE		SULPHUR		BITUMEN		DISTILLATE					
	3		3						3		3					
	m		m		TONNES		TONNES		m		m					

SUNCOR	Heavy Fuel Oil															

OPEN. INV.	77	828.4	2	104.4	1	617	353	341	224	15	693.0	3	717.4			
FR. SYNCRUDE		0.0		0.0			0		0	74	641.0		0.0			
PRODUCTION	1	454	949.0	11	355.9	504	961	60	160	2	010	933.8	1	791	858.1	
CLOS. INV.		18	202.0	3	269.3	1	739	123	281	313	14	577.6		124	958.9	

	1	514	575.4	10	191.0		383	191	120	071	2	086	690.2	1	670	616.6
=====																
FURTHER																
PROCESSING		0.0		0.0			0		0	2	086	690.2	1	607	728.3	
FUEL	29	215.0	10	191.1		438	932		0		0.0		6	265.3		
FLARED/WASTE		78.7		0.0			0	7	538		0.0		12	773.4		
MET. DIFF.		575.7		(0.1)		(58	251)	(7	291)		0.0			516.0		
DELIVERIES	1	484	706.0		0.0		2	510	119	824		0.0		43	333.6	

	1	514	575.4	10	191.0		383	191	120	071	2	086	690.2	1	670	616.6
=====																
SYNCRUDE	Diluent Naphtha															

OPEN. INV.	21	029.0	59	730.0	3	758	975	91	718		426	520.0		56	503.0	
PRODUCTION	5	162	564.0	62	981.0		630	549	211	988	6	572	937.0	5	258	501.0
CLOS. INV.		15	733.0	64	093.0	4	389	524	63	719		372	547.0		161	721.0

	5	167	860.0	58	618.0			0	239	987	6	626	910.0	5	153	283.0
=====																
FURTHER																
PROCESSING		0.0		0.0			0		0	6	550	771.0	5	142	761.0	
FUEL		0.0		7	114.0		0		0		0.0			0.0		
FLARED/WASTE		0.0	50	187.0			0		0		0.0		7	514.0		
MET. DIFF.		13.0	1	317.0			0		1		1	498.0		1	243.0	
DILUENT CARRYOVER																
/RERUN		0.0		0.0			0		0		0.0			1	765.0	
TO SUNCOR		0.0		0.0			0		0		74	641.0			0.0	
DELIVERIES	5	167	847.0		0.0		0	239	986			0.0			0.0	

	5	167	860.0	58	618.0			0	239	987	6	626	910.0	5	153	283.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

YEAR TO DATE FIGURES INCLUDE CURRENT ADJUSTMENT.

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Alberta Oil Sands Plant Statistics

Monthly Supplement

September 1985



Alberta Oil Sands Plant Statistics

Monthly Supplement

ENERGY RESOURCES CONSERVATION BOARD
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS,
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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

				1985 SEPTEMBER	
				YEAR	MONTH
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	2 681 535	12.92	PRODUCTION	3 426 845	10.75
PROCESSED	2 681 535	12.92	PROCESSED	4 164 805	10.71
EXTERNAL ENERGY				EXTERNAL ENERGY	
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	26 714.2	12.4	PURCHASED	46 211.0	4.0
GENERATED	0.0	21.6	GENERATED	0.0	52.8
	26 714.2	34.0		46 211.0	56.8
PLANT USE	20 841.3	34.0	PLANT USE	22 933.0	56.8
FURTHER			FURTHER		
PROCESSING	5 697.9	0.0	PROCESSING	23 278.0	0.0
FLARED	175.0	0.0	FLARED	0.0	0.0
METERING			METERING		
DIFFERENCE	0.0	0.0	DIFFERENCE	0.0	0.0
	26 714.2	34.0		46 211.0	56.8

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

o

(2) Gas volume at 101.325 kPa and 15 C.

1985 SEPTEMBER

YEAR MONTH

OPERATOR	PRODUCTS		INTERMEDIATES					
			COKE		SULPHUR		BITUMEN DISTILLATE	
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS						
	3	3					3	3
	m	m	TONNES		TONNES		m	m
SUNCOR		Heavy Fuel Oil						
OPEN. INV.	18 202.0	3 269.3	1 739 123		281 313		14 577.6	124 958.9
FR. SYNCRUDE	0.0	0.0	0		0		4 088.0	0.0
PRODUCTION	107 125.5	1 616.4	64 323		5 786		301 030.0	214 505.9
CLOS. INV.	71 219.6	1 923.1	1 761 858		275 598		47 931.4	47 632.5
	54 107.9	2 962.6	41 588		11 501		271 764.2	291 832.3
FURTHER								
PROCESSING	0.0	0.0	0		0		271 764.2	114 905.1
FUEL	4 299.8	2 962.6	41 313		0		0.0	66.4
FLARED/WASTE	0.0	0.0	0		634		0.0	453.1
MET. DIFF.	(258.6)	0.0	0		0		0.0	(833.8)
DELIVERIES	50 066.7	0.0	275		10 867		0.0	177 241.5
	54 107.9	2 962.6	41 588		11 501		271 764.2	291 832.3
SYNCRUDE		Diluent Naphtha						
OPEN. INV.	15 733.0	64 093.0	4 389 524		63 719		372 547.0	161 721.0
PRODUCTION	386 822.0	4 855.0	42 036		15 547		397 931.0	324 146.0
CLOS. INV.	30 100.0	62 902.0	4 431 560		60 048		356 546.0	100 615.0
	372 455.0	6 046.0	0		19 218		413 932.0	385 252.0
FURTHER								
PROCESSING	0.0	0.0	0		0		409 844.0	383 492.0
FUEL	0.0	0.0	0		0		0.0	0.0
FLARED/WASTE	0.0	5 926.0	0		0		0.0	742.0
MET. DIFF.	(26.0)	120.0	0		0		0.0	1 018.0
DILUENT CARRYOVER /RERUN	0.0	0.0	0		0		0.0	0.0
TO SUNCOR	0.0	0.0	0		0		4 088.0	0.0
DELIVERIES	372 481.0	0.0	0		19 218		0.0	0.0
	372 455.0	6 046.0	0		19 218		413 932.0	385 252.0

NOTES: (1) Volume at 101.325 kPa and 15 °C.

(2) Liquid volume at 15 °C.

1985 SEPTEMBER

YEAR TO DATE

SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
TONNES		GRADE	TONNES		GRADE
PRODUCTION	23 313 333	11.80	PRODUCTION	73 324 797	11.00
PROCESSED	23 131 191	11.80	PROCESSED	72 628 671	10.90
EXTERNAL ENERGY			EXTERNAL ENERGY		
GAS		ELECTRIC	GAS		ELECTRIC
3 3			3 3		
10 m		GWh	10 m		GWh
PURCHASED	197 515.1	50.0	PURCHASED	464 935.0	121.6
GENERATED	0.0	261.7	GENERATED	0.0	653.9
	197 515.1	311.7		464 935.0	775.5
PLANT USE	122 197.5	311.7	PLANT USE	106 500.0	775.5
FURTHER			FURTHER		
PROCESSING	69 566.2	0.0	PROCESSING	322 701.0	0.0
FLARED	5 751.5	0.0	FLARED	35 734.0	0.0
METERING			METERING		
DIFFERENCE	(0.1)	0.0	DIFFERENCE	0.0	0.0
	197 515.1	311.7		464 935.0	775.5

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

1985 SEPTEMBER

YEAR TO DATE

OPERATOR	PRODUCTS				INTERMEDIATES											
	SYNTHETIC CRUDE OIL		OTHER HYDRO -CARBONS		COKE		SULPHUR		BITUMEN		DISTILLATE					
	3 m		3 m		TONNES		TONNES		3 m		3 m					

SUNCOR	Heavy Fuel Oil															
OPEN. INV.	77	828.4	2	104.4	1	617	353	341	224	15	693.0	3	717.4			
FR. SYNCRUDE		0.0		0.0			0		0		78	729.0	0.0			
PRODUCTION	1	562	074.5	12	972.3	569	284	65	946	2	311	963.8	2	006	364.0	
CLOS. INV.		71	219.6	1	923.1	1	761	858	275	598		47	931.4		47	632.5

	1	568	683.3	13	153.6		424	779	131	572	2	358	454.4	1	962	448.9
=====																
FURTHER																
PROCESSING		0.0		0.0			0		0	2	358	454.4	1	722	633.4	
FUEL	33	514.8	13	153.7		480	245		0		0.0		6	331.7		
FLARED/WASTE		78.7		0.0			0	8	172		0.0		13	226.5		
MET. DIFF.		317.1		(0.1)		(58	251)	(7	291)		0.0		(317.8)			
DELIVERIES	1	534	772.7		0.0		2	785	130	691		0.0		220	575.1	

	1	568	683.3	13	153.6		424	779	131	572	2	358	454.4	1	962	448.9
=====																
SYNCRUDE	Diluent Naphtha															
OPEN. INV.	21	029.0	59	730.0	3	758	975	91	718		426	520.0		56	503.0	
PRODUCTION	5	549	386.0	67	836.0		672	585	227	535	6	970	868.0	5	582	647.0
CLOS. INV.		30	100.0	62	902.0	4	431	560	60	048		356	546.0		100	615.0

	5	540	315.0	64	664.0			0	259	205	7	040	842.0	5	538	535.0
=====																
FURTHER																
PROCESSING		0.0		0.0			0		0	6	960	615.0	5	526	253.0	
FUEL		0.0	7	114.0			0		0		0.0			0.0		
FLARED/WASTE		0.0	56	113.0			0		0		0.0		8	256.0		
MET. DIFF.		(13.0)	1	437.0			0		1		1	498.0		2	261.0	
DILUENT CARRYOVER																
/RERUN		0.0		0.0			0		0		0.0			1	765.0	
TO SUNCOR		0.0		0.0			0		0		78	729.0			0.0	
DELIVERIES	5	540	328.0		0.0		0	259	204			0.0			0.0	

	5	540	315.0	64	664.0			0	259	205	7	040	842.0	5	538	535.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.



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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

				1985		OCTOBER	
				YEAR		MONTH	
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS			
-----				-----			
TONNES		GRADE		TONNES		GRADE	
-----				-----			
PRODUCTION	1 381 776	12.73		PRODUCTION	6 356 355	11.28	
=====				=====			
PROCESSED	1 381 776	12.73		PROCESSED	6 888 395	10.90	
=====				=====			
EXTERNAL ENERGY				EXTERNAL ENERGY			
-----				-----			
GAS		ELECTRIC		GAS		ELECTRIC	
3 3				3 3			
10 m		GWh		10 m		GWh	
-----				-----			
PURCHASED	25 036.7	7.2		PURCHASED	60 055.0	3.8	
GENERATED	0.0	21.7		GENERATED	0.0	79.4	
-----				-----			
	25 036.7	28.9			60 055.0	83.2	
=====				=====			
PLANT USE	16 609.7	28.9		PLANT USE	23 765.0	83.2	
FURTHER				FURTHER			
PROCESSING	7 958.2	0.0		PROCESSING	36 290.0	0.0	
FLARED	468.8	0.0		FLARED	0.0	0.0	
METERING				METERING			
DIFFERENCE	0.0	0.0		DIFFERENCE	0.0	0.0	
-----				-----			
	25 036.7	28.9			60 055.0	83.2	
=====				=====			

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

BITUMEN SYNTHETIC PLANT OPERATIONS

2

1985 OCTOBER

YEAR MONTH

OPERATOR	PRODUCTS				INTERMEDIATES							
	SYNTHETIC CRUDE OIL		OTHER HYDRO -CARBONS		COKE		SULPHUR		BITUMEN DISTILLATE			
	3		3						3			
	m		m		TONNES		TONNES		m			
SUNCOR		Heavy Fuel Oil										
OPEN. INV.	71	219.6	1	923.1	1	761 858	275	598	47	931.4	47	632.5
FR. SYNCRUDE		0.0		0.0		0		0		0.0		0.0
PRODUCTION	152	522.1	5	067.2		36 729	5	599	158	090.2	133	754.9
CLOS. INV.	81	084.1	2	435.8	1	758 863	268	458	48	902.5		8 034.0
=====												
	142	657.6	4	554.5		39 724	12	739	157	119.1	173	353.4
=====												
FURTHER												
PROCESSING		0.0		0.0		0		0	157	119.1	169	900.7
FUEL	3	425.6	4	554.5		38 663		0		0.0		125.4
FLARED/WASTE		0.0		0.0		0	1	403		0.0		0.0
MET. DIFF.		(189.3)		0.0		0		0		0.0	3	327.3
DELIVERIES	139	421.3		0.0		1 061	11	336		0.0		0.0
=====												
	142	657.6	4	554.5		39 724	12	739	157	119.1	173	353.4
=====												
SYNCRUDE		Diluent Naphtha										
OPEN. INV.	30	100.0	62	902.0	4	431 560	60	048	356	546.0	100	615.0
PRODUCTION	542	501.0	3	127.0		62 514	22	764	646	306.0	503	938.0
CLOS. INV.	22	742.0	59	481.0	4	494 074	61	308	364	147.0		69 418.0
=====												
	549	859.0	6	548.0		0	21	504	638	705.0	535	135.0
=====												
FURTHER												
PROCESSING		0.0		0.0		0		0	638	705.0	534	205.0
FUEL		0.0		0.0		0		0		0.0		0.0
FLARED/WASTE		0.0	6	428.0		0		0		0.0		930.0
MET. DIFF.		13.0		120.0		0		0		0.0		0.0
DILUENT CARRYOVER												
/RERUN		0.0		0.0		0		0		0.0		0.0
TO SUNCOR		0.0		0.0		0		0		0.0		0.0
DELIVERIES	549	846.0		0.0		0	21	504		0.0		0.0
=====												
	549	859.0	6	548.0		0	21	504	638	705.0	535	135.0
=====												

NOTE : (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

1985 OCTOBER

YEAR TO DATE

SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	24 695 109	11.90	PRODUCTION	79 681 152	11.10
PROCESSED	24 694 967	11.90	PROCESSED	79 517 066	10.90
EXTERNAL ENERGY			EXTERNAL ENERGY		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
PURCHASED	222 551.8	57.2	PURCHASED	524 990.0	125.4
GENERATED	0.0	283.4	GENERATED	0.0	733.3
	222 551.8	340.6		524 990.0	858.7
PLANT USE	138 807.2	340.6	PLANT USE	130 265.0	858.7
FURTHER			FURTHER		
PROCESSING	77 524.4	0.0	PROCESSING	358 991.0	0.0
FLARED	6 220.3	0.0	FLARED	35 734.0	0.0
METERING			METERING		
DIFFERENCE	(0.1)	0.0	DIFFERENCE	0.0	0.0
	222 551.8	340.6		524 990.0	858.7

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

All figures include current adjustments

1985 OCTOBER

YEAR TO DATE

OPERATOR	PRODUCTS		INTERMEDIATES							
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE				
	3 m	3 m	TONNES	TONNES	3 m	3 m				
SUNCOR		Heavy Fuel Oil								
OPEN. INV.	77 828.4	2 104.4	1 617 353	341 224	15 693.0	3 717.4				
FR. SYNCRUDE	0.0	0.0		0	78 729.0	0.0				
PRODUCTION	1 714 596.6	18 039.5	606 013	71 545	2 470 054.0	2 140 118.9				
CLOS. INV.	81 084.1	2 435.8	1 758 863	268 458	48 902.5	8 034.0				
	1 711 340.9	17 708.1	464 503	144 311	2 515 573.5	2 135 802.3				
FURTHER										
PROCESSING	0.0	0.0		0	2 515 573.5	1 892 534.1				
FUEL	36 940.4	17 708.2	518 908	0	0.0	6 457.1				
FLARED/WASTE	78.7	0.0		9 575	0.0	13 226.5				
MET. DIFF.	127.8	(0.1)	(58 251)	(7 291)	0.0	3 009.5				
DELIVERIES	1 674 194.0	0.0	3 846	142 027	0.0	220 575.1				
	1 711 340.9	17 708.1	464 503	144 311	2 515 573.5	2 135 802.3				
SYNCRUDE		Diluent Naphtha								
OPEN. INV.	21 029.0	59 730.0	3 758 975	91 718	426 520.0	56 503.0				
PRODUCTION	6 091 887.0	70 963.0	735 099	250 299	7 617 174.0	6 086 585.0				
CLOS. INV.	22 742.0	59 481.0	4 494 074	61 308	364 147.0	69 418.0				
	6 090 174.0	71 212.0		0 280 709	7 679 547.0	6 073 670.0				
FURTHER										
PROCESSING	0.0	0.0		0	7 599 320.0	6 060 458.0				
FUEL	0.0	7 114.0		0	0.0	0.0				
FLARED/WASTE	0.0	62 541.0		0	0.0	9 186.0				
MET. DIFF.	0.0	1 557.0		0	1 498.0	2 261.0				
DILUENT CARRYOVER										
/RERUN	0.0	0.0		0	0.0	1 765.0				
TO SUNCOR	0.0	0.0		0	78 729.0	0.0				
DELIVERIES	6 090 174.0	0.0		0 280 708	0.0	0.0				
	6 090 174.0	71 212.0		0 280 709	7 679 547.0	6 073 670.0				

NOTE : (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

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- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

1

				1985		NOVEMBER	
				YEAR		MONTH	
SUNCOR OIL SANDS				SYNCRUDE OIL SANDS			
		TONNES	GRADE			TONNES	GRADE
PRODUCTION	2 389 409		12.84	PRODUCTION	8 190 211		10.48
PROCESSED	2 389 409		12.84	PROCESSED	8 861 110		10.75
EXTERNAL ENERGY				EXTERNAL ENERGY			
		GAS	ELECTRIC			GAS	ELECTRIC
		3 3				3 3	
		10 m	GWh			10 m	GWh
PURCHASED	26 155.5		6.6	PURCHASED	53 152.0		6.1
GENERATED	0.0		28.1	GENERATED	0.0		95.3
	26 155.5		34.7		53 152.0		101.4
PLANT USE	14 185.1		34.7	PLANT USE	7 376.0		101.4
FURTHER				FURTHER			
PROCESSING	10 472.1		0.0	PROCESSING	45 776.0		0.0
FLARED	1 498.3		0.0	FLARED	0.0		0.0
METERING				METERING			
DIFFERENCE	0.0		0.0	DIFFERENCE	0.0		0.0
	26 155.5		34.7		53 152.0		101.4

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 C.

OPERATOR	PRODUCTS		INTERMEDIATES		1985 NOVEMBER	
					YEAR	MONTH
	SYNTHETIC CRUDE OIL	OTHER HYDRO -CARBONS	COKE	SULPHUR	BITUMEN	DISTILLATE
	3 m	3 m	TONNES	TONNES	3 m	3 m
SUNCOR		Heavy Fuel Oil				
OPEN. INV.	81 084.1	2 435.8	1 758 863	268 458	48 902.5	8 034.0
FR. SYNCRUDE	0.0	0.0	0	0	0.0	0.0
PRODUCTION	212 194.6	2 476.9	68 169	7 705	266 890.3	229 649.9
CLOS. INV.	77 574.2	2 310.9	1 762 869	250 906	21 931.3	9 774.2
	215 704.5	2 601.8	64 163	25 257	293 861.5	227 909.7
FURTHER						
PROCESSING	0.0	0.0	0	0	293 861.5	228 006.8
FUEL	3 824.8	2 601.8	54 578	0	0.0	0.0
FLARED/WASTE	0.0	0.0	0	1 110	0.0	0.0
MET. DIFF.	(126.3)	0.0	9 585	13 384	0.0	(97.1)
DELIVERIES	212 006.0	0.0	0	10 763	0.0	0.0
	215 704.5	2 601.8	64 163	25 257	293 861.5	227 909.7
SYNCRUDE		Diluent Naphtha				
OPEN. INV.	22 742.0	59 481.0	4 494 074	61 308	364 147.0	69 418.0
PRODUCTION	662 376.0	5 952.0	76 070	27 232	831 028.0	626 684.0
CLOS. INV.	24 156.0	59 684.0	4 570 144	60 821	409 873.0	41 209.0
	660 962.0	5 749.0	0	27 719	785 302.0	654 893.0
FURTHER						
PROCESSING	0.0	0.0	0	0	785 302.0	653 963.0
FUEL	0.0	0.0	0	0	0.0	0.0
FLARED/WASTE	0.0	5 629.0	0	0	0.0	930.0
MET. DIFF.	(3.0)	120.0	0	0	0.0	0.0
DILUENT CARRYOVER						
/RERUN	0.0	0.0	0	0	0.0	0.0
TO SUNCOR	0.0	0.0	0	0	0.0	0.0
DELIVERIES	660 965.0	0.0	0	27 719	0.0	0.0
	660 962.0	5 749.0	0	27 719	785 302.0	654 893.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

BITUMEN SYNTHETIC PLANT OPERATIONS

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				1985 NOVEMBER	
				YEAR TO DATE	
SUNCOR OIL SANDS			SYNCRUDE OIL SANDS		
-----			-----		
	TONNES	GRADE		TONNES	GRADE
-----			-----		
PRODUCTION	27 084 518	12.00	PRODUCTION	87 871 363	11.00
=====			=====		
PROCESSED	27 084 376	12.00	PROCESSED	88 378 176	10.90
=====			=====		
EXTERNAL ENERGY			EXTERNAL ENERGY		
-----			-----		
	GAS	ELECTRIC		GAS	ELECTRIC
	3 3			3 3	
	10 m	GWh		10 m	GWh
-----			-----		
PURCHASED	248 707.3	63.8	PURCHASED	578 142.0	131.5
GENERATED	0.0	311.5	GENERATED	0.0	828.6
-----			-----		
	248 707.3	375.3		578 142.0	960.1
=====			=====		
PLANT USE	152 992.3	375.3	PLANT USE	137 641.0	960.1
FURTHER			FURTHER		
PROCESSING	87 996.5	0.0	PROCESSING	404 767.0	0.0
FLARED	7 718.6	0.0	FLARED	35 734.0	0.0
METERING			METERING		
DIFFERENCE	(0.1)	0.0	DIFFERENCE	0.0	0.0
-----			-----		
	248 707.3	375.3		578 142.0	960.1
=====			=====		

NOTE: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15 °C.

All figures include current adjustments

BITUMEN SYNTHETIC PLANT OPERATIONS

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1985 NOVEMBER

YEAR TO DATE

OPERATOR	PRODUCTS						INTERMEDIATES								
	SYNTHETIC CRUDE OIL			OTHER HYDRO -CARBONS			COKE		SULPHUR		BITUMEN		DISTILLATE		
	3			3							3		3		
	m			m			TONNES		TONNES		m		m		
SUNCOR	Heavy Fuel Oil														
OPEN. INV.	77	828.4	2	104.4	1	617	353	341	224	15	693.0		3	717.4	
FR. SYNCRUDE		0.0		0.0			0		0	78	729.0			0.0	
PRODUCTION	1	926	791.2	20	516.4	674	182	79	250	2	736	944.3	2	369	768.8
CLOS. INV.	77	574.2	2	310.9	1	762	869	250	906	21	931.3		9	774.2	
	1	927	045.4	20	309.9	528	666	169	568	2	809	435.0	2	363	712.0
FURTHER															
PROCESSING		0.0		0.0			0		0	2	809	435.0	2	120	540.9
FUEL	40	765.2	20	310.0	573	486			0		0.0		6	457.1	
FLARED/WASTE		78.7		0.0		0	10	685			0.0		13	226.5	
MET. DIFF.		1.5		(0.1)	(48	666)	6	093			0.0		2	912.4	
DELIVERIES	1	886	200.0	0.0	3	846	152	790			0.0		220	575.1	
	1	927	045.4	20	309.9	528	666	169	568	2	809	435.0	2	363	712.0
SYNCRUDE	Diluent Naphtha														
OPEN. INV.	21	029.0	59	730.0	3	758	975	91	718	426	520.0		56	503.0	
PRODUCTION	6	754	263.0	76	915.0	811	169	277	531	8	448	202.0	6	713	269.0
CLOS. INV.	24	156.0	59	684.0	4	570	144	60	821	409	873.0		41	209.0	
	6	751	136.0	76	961.0		0	308	428	8	464	849.0	6	728	563.0
FURTHER															
PROCESSING		0.0		0.0		0		0	8	384	622.0	6	714	421.0	
FUEL		0.0	7	114.0		0		0			0.0			0.0	
FLARED/WASTE		0.0	68	170.0		0		0			0.0		10	116.0	
MET. DIFF.		(3.0)	1	677.0		0		1		1	498.0		2	261.0	
DILUENT CARRYOVER															
/RERUN		0.0		0.0		0		0			0.0		1	765.0	
TO SUNCOR		0.0		0.0		0		0		78	729.0			0.0	
DELIVERIES	6	751	139.0	0.0		0	308	427			0.0			0.0	
	6	751	136.0	76	961.0		0	308	428	8	464	849.0	6	728	563.0

NOTES: (1) Volume at 101.325 kPa and 15 C.

(2) Liquid volume at 15 C.

